FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 3248

SERIAL NO. Unknown

(Rev. 6-89)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Deborah A. Langer et al. FILING DATE GR

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GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATI
	2,619,330	11/25/52	Willems et al.	259	96	
	2,858,200	10/28/58	Broughten	44	57	
· <u></u>	3,499,632	3/10/70	Pires	259	4	
	3,758,794	9/4/73	Ford	44	51	
	3,818,876	6/25/74	Voegd	123	26 R	
	3,855,103	12/17/74	McLaren et al.	204	306	
	3,876,391	4/8/75	McCoy et al.	44	51	
	4,146,499	3/27/79	Rosano	252	186	
	4,048,080	9/13/77	Lee et al.	252	51.54	
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			Lissant	44	51	
	4,207,078	6/10/80	Sweeney et al.	44	68	
	4,329,249	5/11/82	Forsberg	252	34.7	
	4,368,133	1/11/83	Forsberg	252	75	
	4,433,917	2/28/84	Mendel et al.	366	132	
	4,438,731	3/27/84	Maggio	123	25 N	
	4,447,348	5/8/84	Forsberg	252	75	
	4,452,712	6/5/84	Laemmle	252	49.3	
	4,482,356	11/13/84	Hanlon	44	57	
	4,953,097	8/28/90	Crain et al.	364	502	
	4,561,861	12/31/85	Davis-et-al.	44	-51	
	4,585,461	4/29/86	Gorman	44	53	
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	4,621,927	11/11/86	Hiroi	366	132	
	4,629,472	12/16/86	Haney, III et al.	44	- 51	
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	4,708,753	11/24/87	Forsberg	149	2	
	4,776,977	10/11/88	Taylor	252	314	
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	4,908,154	3/13/90	Cook et al.	252	314	
						
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			Kunz	366	134	
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	4,986,858	1/22/91	Oliver et al.	149	109.6	
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	5,047,175	9/10/91	Forsberg	252	358	
	5,104,621	4/14/92	Pfost et al.	422	67	
	5,279,626	1/18/94	Cunningham et al.	44	331	
	5,352,377	10/4/94	Blain et al.	252	51.5 R	
	5,360,458	11/1/94	Forsberg et al.	44	301	
	5,371,056	12/6/94	Leyrer et al.	502	- 66	
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	5,404,841	4/11/95	Valentine	123	25 E	
	5,411,558	5/2/95	Taniguchi et al.	44	301	
	5,445,656	8/29/95	Marelli	44	301	
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		5,478,365	12/26/95	Nikanjam		44	_	80			
		5,491,120	2/13/96	Voss et al.		502		04			
		5,501,714	3/26/96	Valentine (et al.	44		58	 		
-		5,503,772	4/2/96	Rivas et al		252	3	14			
		5,535,708	7/16/96	Valentine		123	2	5-C			
		5,544,856	8/13/96	King et al.		251	12	9.08			
		5,556,574	9/17/96	Rivas et al	•	252	- 31	1.5			
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·		5,820,640	10/13/98	Ikura et al.	et al.	44		74 01		\equiv	
		5,851,245	12/22/98	Moriyama	3t al	44		01		Ш	
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		5,879,079	3/9/99	Hohmann e	et al.	366		1.1		ᆿ	
		5,879,419	3/9/99	Moriyama o		44		01			
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		5,987,882	11/23/99	Voss et al.		60	2	74		彐	
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		6,280,485 6,596,672	7/22/03	Daly et al. Carrick et a		44 508		21		=	
		0,030,072	1122103	Carrick et a	II.	300		92		\exists	
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	EP-	0475620A2 0561600B1	3/18/92		PO		<u> </u>				
	EP	0888421B1	9/22/93 1/7/99		PO					X	
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	WO	96/25824	9/19/90							
	WO	00/54426 00/15740	3/23/00	P(
	WO	01/97952	12/27/01	———P(
	WO	02/24842	3/28/02		···					
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	WO	02/26918	4/4/02	PC	T					
	WO	02/064708	8/22/02	PC	T					
	WO	02/068334	9/6/02	PC	7					
	WO.	03/064568	8/7/03	PC	T					
	WO	03/076783	9/18/03	PC	Т					
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